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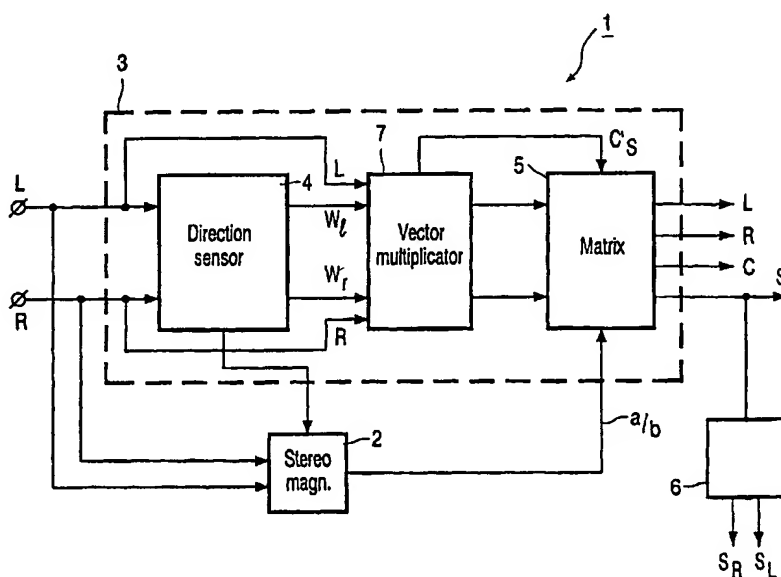
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(54) Title: **MULTI-CHANNEL STEREO CONVERTER FOR DERIVING A STEREO SURROUND AND/OR AUDIO CENTRE SIGNAL**



(57) **Abstract:** A multi-channel stereo converter is described comprising stereo magnitude determining means for generating a stereo information signal (a/b ; (p), which represents a degree of stereo between audio input signals (L , R), and transforming means for transforming said audio signals (L , R) based on said stereo information signal (a/b ; (p)) into at least a surround signal (S). A space mapping interpretation is presented and an audio centre signal may be derived from the stereo input signals as well. The result is more flexibility in application and design, without substantial cross talk in the audio signals.